

RECEIVED  
CENTRAL FAX CENTER

SEP 28 2007

**IN THE CLAIMS**

1.-8. (canceled)

9. (previously presented): A loudspeaker for outputting sound in a frequency range including a lowest frequency  $f$ , the lowest frequency  $f$  having a wave number  $k$ , the loudspeaker comprising:  
a generally arcuate source of wind pulsating at the frequency  $f$ , the source having an arcuate radius  $r$  such that a quantity  $rk$  is approximately equal to or larger than one;

wherein  $r$  is greater than 1.00 feet;

wherein the generally arcuate source of wind describes an arc of the radius  $r$  from a single center point, and further comprising a mount for mounting at least one symmetry baffle aligned substantially perpendicular to a plane including the arcuate source and its radius; and

wherein a center point of the arc lies adjacent the symmetry baffle;

whereby wind is converted into sound at the lowest frequency  $f$  and bass response is improved.

10.-19. (canceled)

20. (previously presented): A method of creating sound of a frequency  $f$ , having a wave number  $k$ ; the method comprising:

providing a generally arcuate source of pulsating wind having an outer arcuate radius  $r$  such that a quantity  $rk$  is approximately equal to or larger than one; and

pulsating the wind at the frequency  $f$ , whereby the pulsating wind is converted into sound at the frequency  $f$  with a high radiation efficiency;

providing a central baffle aligned with a plane defined by the generally arcuate source of wind; and

providing at least one symmetry baffle aligned substantially perpendicular to the central baffle, and wherein the step of providing a generally arcuate source of pulsating wind includes providing the arcuate source around an arc to meet the symmetry baffle generally perpendicularly;

wherein  $r$  is greater than 1.00 feet.

21.-28. (canceled)

29. (new): The loudspeaker of claim 9, wherein the generally arcuate source of wind comprises a plurality of electrodynamic loudspeakers disposed in an arcuate line array.

30. (new): The loudspeaker of claim 9, comprising a central baffle aligned parallel with a plane defined by the generally arcuate source of wind.

31. (new): The loudspeaker of claim 30, wherein the generally arcuate source of wind comprises a plurality of electrodynamic loudspeakers disposed in at least a portion of a generally arcuate line array, and the loudspeakers are mounted in the surface of the central baffle.

32. (new): The loudspeaker of claim 31, comprising a hollow cabinet in which the loudspeakers are mounted, and wherein the loudspeakers are mounted in holes in the surface of the central baffle.

33. (new): The loudspeaker of claim 31, wherein the speakers are tilted relative to the central baffle.

34. (new): The loudspeaker of claim 33, wherein the speakers are all tilted at a same angle.

35. (new): The loudspeaker of claim 9, wherein the center point is on a central baffle or at an edge of the central baffle.

36. (new): The loudspeaker of claim 9, wherein the arc of the radius  $r$  includes a  $1/n$  fraction of a whole circle, where  $n$  is an integer.

37. (new): The loudspeaker of claim 9, comprising a first symmetry baffle and a second symmetry baffle, and wherein the first symmetry baffle and the second symmetry baffle are set at an angle to one another.

*Ser. No. 10/619,294*

3

*Rule 312 Amendment, Sept. 2007*